# Little GIANT.

### **VCMX**

### **APPLICATIONS**

■ Designed for automatic collection and removal of condensate from air conditioning, refrigeration and dehumidification equipment when gravity drainage is not possible or practical. Also suitable for high efficiency oil and gas-fired condensing furnace and condensing boiler equipment.

#### **FEATURES**

- External test/run lever
- Slim footprint
- Vertical centrifugal pump design
- Stainless steel motor shaft
- Automatic start and stop operation
- Galvanized steel "quick install" wall mount bracket
- Some models equipped with external, float activated switch for automatic highlevel water detection (overflow detection switch)
- For models with overflow detection switch: dual function NO and NC operation (set to NO from factory for equipment shut down connection)
- Models equipped with overflow detection switch include two 5" switch lead wires
- 3/8" O.D. barbed ¼-turn quick release, locking discharge adapter with built-in check valve
- Rubber feet for vibration/noise dampening
- "Anti-sweat" tank sleeve included on select models and available separately for all others
- 3 1-1/8" diameter inlet openings, two fitted with removable cap plug (3 + 1 inlet openings for models without overflow detection switch)
- Recessed tank sump
- Oil resistant tank and check valve
- Thermally protected, fan cooled motor
- Maximum water temperature: 140 °F
- 6', 3-conductor cable with grounded 3-prong plug
- Some models include 20' x 3/8" I.D. vinyl discharge tubing
- 3-year warranty



### **SERIES SPECIFICATIONS**

#### NXTGEN™

			Input		Amns	Watte			Overflow		Performano	e GPH (LPH	) @ Head		Shut-Off			
Item No.	Model	HP	Input Voltage	Hz	(FLA)	(kW)	Discharge Size	Check Valve	Detection Switch		5′	10′	15′	20′	Ft.	PSI	Cord	Weight (lbs)
554520	VCMX-20UL	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	No	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6' (1.8 m)	5.5 (2.5 Kg)
554521	VCMX-20UL	1/30	230	50/60	0.7/0.6	75	3/8" (9.5 mm)	3/8" (9.5 mm)	No	78 (295.6)	67 (253.9)	51 (193.3)	29 (109.9)	0 (0)	19 (5.7 m)	9.1	6' (1.8 m)	5.5 (2.5 Kg)
554530	VCMX-20ULS	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6' (1.8 m)	5.5 (2.5 Kg)
554531	VCMX-20ULS	1/30	230	50/60	0.7/0.6	75	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	78 (295.6)	67 (253.9)	51 (193.3)	29 (109.9)	0 (0)	19 (5.7 m)	9.1	6' (1.8 m)	5.5 (2.5 Kg)

#### NXTGEN™ with Tubing

			Input				Amps	Watte			Overflow		Performance GPH (LPH) @ Head							
Item No.	Model	HP	Voltage	Hz	(FLA)	(kW)	Discharge Size	Check Valve	Detection Switch	1′	5′	10′	15′	20′	Shut-Off Ft.	PSI	Cord	Weight (lbs)		
554550	VCMX-20ULST	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6' (1.8 m)	5.5 (2.5 Kg)		
554551	VCMX-20ULST	1/30	230	50/60	0.7/0.6	75	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	80 (303.2)	69 (261.5)	54 (204.7)	36 (136.4)	0 (0)	20 (6.1 m)	9.1	6' (1.8 m)	5.5 (2.5 Kg)		

#### NXTGEN™ with Anti-Sweat Sleeve

Item No. M			Input		Amps	Watte			Overflow		Performar	erformance GPH (LPH		nce GPH (LPH) @ Head						
	Model	HP	Voltage	Hz	(FLA)	(kW)	Discharge Size	Check Valve	Detection Switch	1′	5′	10′	15′	20′	Shut-Off Ft.	PSI	Cord	Weight (lbs)		
554542	VCMX-20ULS-C	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6' (1.8 m)	5.5 (2.5 Kg)		



VCMX-20ULS





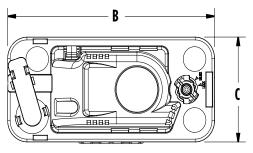


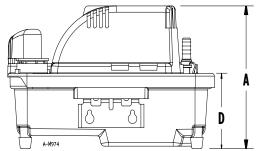
# VCMX

# REPLACEMENT PARTS & KITS

Item	Part Number
Tank	154390
Feet, Rubber (4 pack 554520, 554530, 554550, 554551, 554521, 554531)	925047
Cover, Motor	154425
Float Arm Assembly	154460
Check Valve, 3/8"	154724
Overflow Detection Switch Assembly (554530, 554550, 554551, 554542, 554531)	599136
Anti-sweat Sleeve and Bracket (554542)	599138
Bracket, Tank (554520, 554530, 554550, 554551, 554521, 554531)	154483

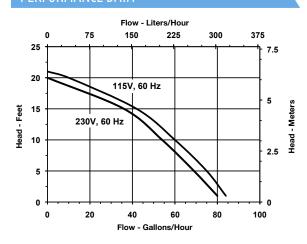
# ENGINEERING DATA





Model	Α	В	С	D
VCMX-20UL	6.5" (165.1mm)	10.2" (259.1 mm)	4.8" (121.9 mm)	3.4" (86.4 mm)
VCMX-20ULS	6.5" (165.1mm)	10.2" (259.1 mm)	4.8" (121.9 mm)	3.4" (86.4 mm)
VCMX-20ULST	6.5" (165.1mm)	10.2" (259.1 mm)	4.8" (121.9 mm)	3.4" (86.4 mm)
VCMX-20ULS-C	6.8" (172.7mm)	10.3" (261.6 mm)	5.1" (129.5 mm)	3.4" (86.4 mm)

# PERFORMANCE DATA



# CONSTRUCTION

Housing/Tank Cover	ABS
Motor Cover	ABS
Volute	ABS
Tank	Polypropylene
Impeller	Polypropylene
Switch Float	ABS
Check Valve	Acetal